

VISTANEX[®] LM POLYISOBUTYLENE

ExxonMobil
Chemical

Vistanex LM - Regular Grades

Low molecular weight, polyisobutylene polymers

Effective: March 1998

CAS #9003-27-4

Product Sales Specification

Grades	Vistanex LM-MS	* Vistanex LM-MH	Test Methods
Appearance	Water white to dark amber*		AMS 83-006
	Free of foreign matter		
Penetration, mm @ 25°C	19.9 - 15.5	15.4 - 11.5	AMS 210-10
Non-Volatile Matter, wt%	97.0 min		AMS 82-003
Vacuum oven, 4 hrs. @ 300°F			

Typical Properties

Specific Gravity, 20/20 °C	0.91	ASTM D 792
Density		
@ 23°C, kg/m3	914	-
@ 73°F, lb/USG	7.63	-
Brookfield Viscosity, cps	25,000 to 35,000	50,000 to 70,000
@ 350°F		ASTM D 3236
Staudinger Molecular Weight	10,700	11,900
		AMS 77-005
Flory Molecular Weight	45,000	53,000
		AMS 77-005

* ExxonMobil Chemical Company color scale. Product may be very hazy and contain numerous black specks (more than 15 particles of carbonized polymer per 100 lb. drum.)

Product sales specifications were developed pursuant to ExxonMobil testing and sampling procedures. Procedures available upon request. Specification and/or procedures are subject to change without notice unless otherwise agreed to in writing.

Format update: January 2000

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VISTANEX[®] LM POLYISOBUTYLENE

ExxonMobil
Chemical

Vistanex LM - LC (Low Color) Grades

Low molecular weight, low color polyisobutylene polymers

Effective: March 1998

CAS #9003-27-4

Product Sales Specification

Grades	Vistanex LM-MS-LC	Vistanex LM-MH-LC	Vistanex LM-H-LC	Test Methods
Appearance	Water white to pale yellow*			AMS 83-006
	Free of foreign matter			
Penetration, mm @ 25°C	19.9 - 15.5	15.4 - 11.5	11.4 - 9.0	AMS 210-10
Non-Volatile Matter, wt%	97.0 min			AMS 82-003
Vacuum oven, 4 hrs. @ 300°F				

Typical Properties

Specific Gravity, 20/20 °C	←	0.91	→	ASTM D 792
Density				
@ 23°C, kg/m ³	←	914	→	-
@ 73°F, lb/USG	←	7.63	→	-
Brookfield Viscosity, cps	25,000 to	50,000 to	80,000 to	ASTM D 3236
@ 350°F	35,000	70,000	150,000	
Staudinger Molecular Weight	10,700	11,900	13,300	AMS 77-005
Flory Molecular Weight	45,000	53,000	63,000	AMS 77-005

* ExxonMobil Chemical Company color scale. Product may have a slight haze and contain some black specks (up to 15 particles of carbonized polymer per 100 lb. drum.)

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